

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,191,455 B2
APPLICATION NO. : 10/532973
DATED : March 13, 2007
INVENTOR(S) : Morihiro Murata

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 12, Line 29:

“medium” should read -- medium; --.

Column 12, Line 29:

“black” should read -- lack --.

Column 12, Line 34:

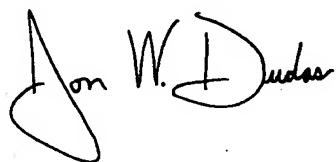
“black” should read -- lack --.

Column 12, Line 65:

“black” should read -- lack --.

Signed and Sealed this

Thirty-first Day of July, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office